

ABSTRACT

A capacitor for a power semiconductor module (7) is specified, which has a capacitor housing (1) and pole bushings (3a; 3b) from the interior of the capacitor housing (1) to the exterior, with a first pole bushing (3a) forming a negative pole and a second pole bushing (3b) forming a positive pole. Furthermore, the pole bushings (3a; 3b) are each integral, and connecting ends (8) of the pole bushings (3a; 3b) are each designed such that they can be connected to connecting terminals (5) on the power semiconductor module (7). This results in a capacitor with a particularly simple construction and with a low overall inductance.

1002243-12004